



## TECHNICAL BULLETIN

### Power Ratchet- To Assemble

- 1) Insert the spring and pin into the ratchet ring. Place this assembly on the top of the shaft so that the spring loaded pin engages the grooves. The ratchet action can be observed at this point.( Fig. 1-Reverse Page)
- 2) Use the clevis pin and clip ( Fig. 2-Reverse Page) to secure the swivel assembly onto the gearbox shaft.
- 3) Put the swivel brace on the side feed water port.( Fig. 3--Reverse Page). This brace bolts into the engine mounting plate on the right side. This swivel brace must be used at all times.

### DeepRock Molded Swivel- General Instructions

Please read complete instructions in Operations Manual. The swivel has been lubricated with a special polishing compound at the factory. The swivel must be broken in for about 3 hours; during this period the compound will gradually polish the shaft and self-correct any leakage. After the compound has minimized or stopped this leakage, additional lubricant must be used.

Lubricate after every 4 hours of use or when first sign of leaking occurs. Use only Silicon based lubricate. Do not use petroleum based grease, or spray lubricant. Rinse out swivel with clean water after use. Failure to properly maintain this swivel could void warranty.

### To Lubricant Swivel

- 1) Remove the swivel brace (Fig. 3-Reverse Page)
- 2) Remove the swivel from the powerhead by removing the clevis pin clip and clevis pin. (Fig. 2-Reverse Page)
- 3) Remove the one piece rubber swivel housing from the swivel shaft by placing the swivel assembly on a flat surface with the threaded portion on bottom and apply downward pressure on the rubber housing. The shaft will pop out.
- 4) Smear a thin coating of lubricant on both the top and bottom sealing surfaces of the rubber housing.(Fig. 4-Reverse Page)
- 5) Insert the swivel shaft in the housing. Make certain the rubber housing is properly seated on the shaft.
- 6) Place assembly back on powerhead with clevis pin and replace swivel brace.